


SITE GPR	YEAR 2012	AREA A	SECTOR	ELEVATION Min: 82 Max: 65.607	STRATIGRAPHICAL UNIT 622 <input type="checkbox"/> Natural <input checked="" type="checkbox"/> Anthropic	 Gabriel P.
In cross-section? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		In elevation drawing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Photos: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No #: DSC-6680	Photo Model: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No #: 378	
DEFINITION Large Quarry Cut at North of Area A			Covered by <input type="checkbox"/> SU:	Fills <input type="checkbox"/> SU: -0385	Filled by <input checked="" type="checkbox"/> SU: 623	
HOW IS LAYER DISTINGUISHED? <input type="checkbox"/> Color <input type="checkbox"/> Composition <input type="checkbox"/> Compaction		FORMATION PROCESS <input type="checkbox"/> Accumulation <input type="checkbox"/> Construction <input checked="" type="checkbox"/> Cutting <input type="checkbox"/> Erosion <input type="checkbox"/> Collapse <input type="checkbox"/> Intentional deposition				
INCLUSIONS For each inclusion specify frequency: (f)requent, (m)edium, (r)are				SOIL/MATRIX clay ___% silt ___% sand ___%		
Anthropic		Geological		Organic		<input type="checkbox"/> Granular <input type="checkbox"/> Layered <input type="checkbox"/> Cohesive Compaction: <input type="checkbox"/> Hard <input type="checkbox"/> Compact <input type="checkbox"/> Friable <input type="checkbox"/> Loose <input type="checkbox"/> Soft Color: <input type="checkbox"/> Black <input type="checkbox"/> Gray <input type="checkbox"/> Light Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Light Yellow <input type="checkbox"/> Brown <input type="checkbox"/> Light Brown <input type="checkbox"/> White <input type="checkbox"/> Red <input type="checkbox"/> Other (specify)
<input type="checkbox"/> Pottery <input type="checkbox"/> Tiles <input type="checkbox"/> Amphorae <input type="checkbox"/> Dolia <input type="checkbox"/> Mosaic tile(s) <input type="checkbox"/> Mortar <input type="checkbox"/> Coins <input type="checkbox"/> Metal (specify) <input type="checkbox"/> Collapse debris <input type="checkbox"/> Glass	<input type="checkbox"/> Nails <input type="checkbox"/> Marble <input type="checkbox"/> Quarried debris <input type="checkbox"/> Slag <input type="checkbox"/> Brick <input type="checkbox"/> Basalt slabs <input type="checkbox"/> Opus signinum <input type="checkbox"/> Painted plaster <input type="checkbox"/> Burnt Adobe <input type="checkbox"/> Other (specify)	<input type="checkbox"/> Tufo (specify) <input type="checkbox"/> Travertine <input type="checkbox"/> Other Limestone <input type="checkbox"/> Basalt <input type="checkbox"/> Clay <input type="checkbox"/> Sand <input type="checkbox"/> Silt <input type="checkbox"/> Pebbles (range) <input type="checkbox"/> Gravel (range)	<input type="checkbox"/> Charcoal <input type="checkbox"/> Ash <input type="checkbox"/> Animal bones <input type="checkbox"/> Human bones <input type="checkbox"/> Animal teeth <input type="checkbox"/> Human teeth <input type="checkbox"/> Shells <input type="checkbox"/> Other (specify)			

UNIT LIMITS (also indicate on overlay)

Northern Limit Original Not Original Excavation Limit

Southern Limit Original Not Original Excavation Limit

Western Limit Original Not Original Excavation Limit

Eastern Limit Original Not Original Excavation Limit

Depth: Original Not Original

STRATIGRAPHICAL SEQUENCE

Is equal to: _____ Is bound to (only for masonry): _____

Is abutted by: _____ Abuts: _____

Is covered by: _____ Covers: _____

Is cut by: _____ Cuts: 1

Is filled by: 623 Fills: _____

OBSERVATIONS
Exposed by back-hoe. Bottom of cut exposed only in a very limited extent due to safety concerns. Excavation began in the morning; backfilling began by 2 pm.

DESCRIPTION
Position within sector: North limit of Area A, directly adjacent to trench excavated in 2009 (to the west)

Shape: Straight, sheer face of rock on southern limit, curving to the south in the west

For layers complete this section:

Surface (slope direction, visible inclusions): _____

Observations about inclusions (Clusters? Deposition slope): _____

Observations about thickness (Increases? Decreases?): _____

Nature of the interface with layer below: sharp diffuse commingled other (specify)

For cuts complete this section:

Cut edges: rounded straight

Cut sides: straight concave convex sloping

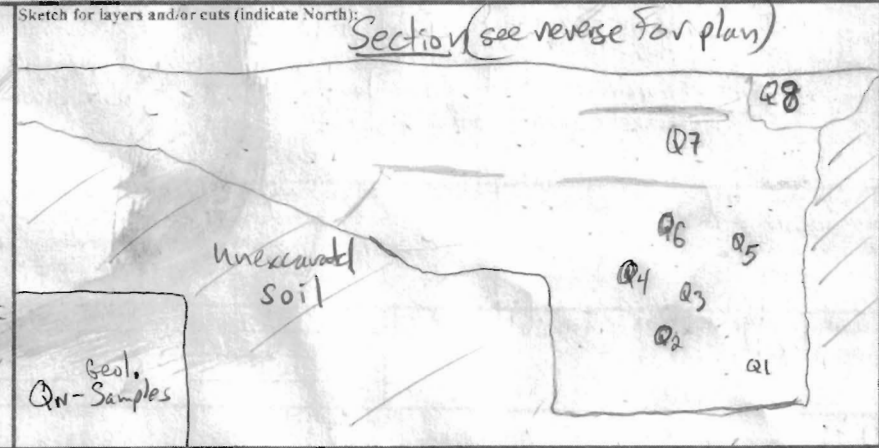
Cut bottom: flat concave irregular

How is cut top edge? sharp rounded

How is cut bottom edge? sharp rounded

Observations: Exposed face is completely vertical. At the base of this is a narrow (ca. 10cm) trench directly adjacent to the face, with depths of up to 23cm. From this trench the rock is stepped to the north away from the face, to a depth of an additional ca. 50cm. This may represent the bottom of the cut, but excavation was not extensive enough to be certain. Total depth ca. 3m

Sketch for layers and/or cuts (indicate North):



For structural remains complete this section

Alignment:

Building Technique: Adobe/Mud-brick Ashlar (blocks) irregular (unworked) stone Concrete Other (specify)

Binding Agent: None Clay Mortar (if so, specify composition, color, compaction)

Concrete inclusions:

Material Tuff Basalt Travertine Tiles Other (specify)

Size Small (range) _____ Medium (range) _____ Large (range) _____ Representative size: e.g. 2 x 1 x 2 cmz

Wall Facing:

Opus quadratum Opus incertum Opus reticulatum Petit appareil Opus testaceum Opus mixtum Opus vittatum Other (specify)

Complete this section for foundations Faced foundation Wooden shuttering No shuttering

floor/revetment type

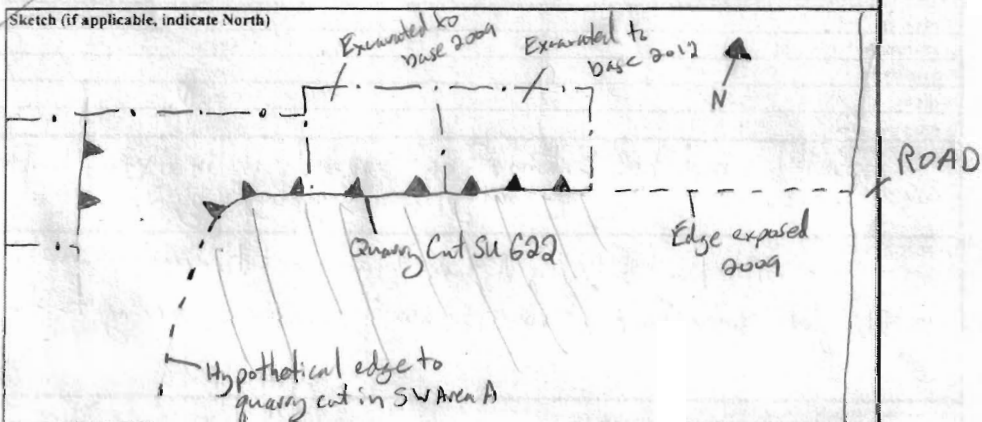
Floor type: Beaten Earth Opus signinum Opus scutulatum Opus Sectile Mosaic Opus spicatum Other (specify)

Wall finishing Stucco Opus signinum Plaster Painted Plaster Other (specify)

Approx. length, width, height of structural remains:

Description:

Sketch (if applicable, indicate North)



INTERPRETATION

SU 622 represents a very large quarry cut in the bedrock. The top edge of this quarry face was exposed in 2009, extending west from road —; a small trench was also dug to the bottom at that time. 2012 Excavation was intended to trace this top edge to its western limit, as well as expose the full vertical face just adjacent to the 2009 trench for geological samples + recording. The face itself is extremely flat, with clear pick marks throughout. The trench + step/ledge at its base are clear evidence for the removal of blocks. Though the face appears to curve to the south at its eastern limit, an additional edge was exposed to the east, running N-S. The pit appears then as a sort of corridor extending the length of the city block, from road — to road —. The cut is filled partly with quarry debris + partly with post-abandonment colluvium.

SOIL SAMPLING: Yes No

Total volume of layer (buckets):

Sample quantity (buckets):

Sample fraction (%):

NON SOIL SAMPLES: Yes No

If yes, specify (e.g. charcoal, mortar etc.):

Size:

SIEVING: Yes No

Total volume of layer (buckets):

Sample quantity (buckets):

Sample fraction (%):

STRATIGRAPHICAL RELIABILITY

Good Fair Poor

Filled-out by J. FARR

on 12-7-2012

Revised by J. FARR

on 8.1.12

FDI by

on

Entered by

on